

**REMARKS**

Claims 1-10, 12, 14-16, 20, 23-25, 27 and 30 were previously pending in this application. Claim 1 is being canceled without prejudice or disclaimer. Claims 1, 2, 7-10, 12, 14-16, 20, 23-25, 27 and 30 are being amended. New claim 93 is being added. As a result, claims 2-10, 12, 14-16, 20, 23-25, 27, 30 and 93 are currently pending for examination. No new matter has been added.

**Allowable Claims**

In the Final Office mailed September 2, 2010, claims 5 and 6 were deemed to be allowed. In view of the present amendment, each of claims 2-10, 12, 14-16, 20, 23-25, 27 and 30 depends either directly or indirectly from allowed claim 5, and withdrawal of the rejections of these dependent claims is respectfully requested.

**New Claim**

New dependent claim 93 is being added to recite that the first signal, representing a value of a fluid flow rate, represents a value of a blood flow rate. Support for new dependent claim 93 can be found throughout the specification as filed, including for example, at page 9, lines 8-10, and page 23, lines 28-29.

**CONCLUSION**

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 23/2825 under Docket No. B1075.71016US01 from which the undersigned is authorized to draw.

Dated: December 20, 2010

Respectfully submitted,

By   
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